

**FP7 COOPERATION THEME 4: NANOSCIENCES, NANOTECHNOLOGIES, MATERIALS AND
NEW PRODUCTION TECHNOLOGIES – NMP WORK PROGRAMME 2008**

Activity/ Area	Topics called	Founding Scheme
II.1 Activity 4.1 Nanosciences and Nanotechnologies		
Area: 4.1.2 Nanotechnologies and converging technologies	NMP-2008-1.2-2 Nanotechnologies for water treatment (joint call with Theme 6: Environment)	Collaborative projects (small or medium-scale focused research projects).
II.2 Activity 4.2 Materials		
Area: 4.2.2 Knowledge-based smart materials with tailored properties	NMP-2008-2.2-1 Compound semiconductors for electronics and photonics	Large scale integrating projects.
Area: 4.2.2	NMP-2008-2.2-2 Nanostructured meta-materials	Small or medium scale focused collaborative projects.
Area: 4.2.4 Advances in chemical technologies and materials processing	NMP-2008-2.5-1 Functionally graded materials for improved mechanical performance	Small or medium-scale focused research projects.
Area: 4.2.6 Coordinated activities and international cooperation	NMP-2008-2.6-1 Novel materials for energy applications (Joint call with Energy)	Collaborative project
Area: 4.2.6	NMP-2008-2.6-3 Coordination actions with Materials researchers in major world regions	Coordination and Support Actions aiming at coordination of research activities.

Activity/ Area	Topics called	
I.3 Activity 4.3 New production		
Area: 4.3.1 Development and validation of new industrial models and strategies	NMP-2008-3.1-1 Transformation strategies for SMEs in turbulent global market environments	Collaborative projects targeted to SMEs.
Area: 4.3.4 Rapid transfer and integration of new technologies into the design and operation of manufacturing processes	NMP-2008-3.4-1 Rapid design and virtual prototyping of factories	Large-scale integrating collaborative projects
Area: 4.3.4	NMP-2008-3.4-2 Industrialisation through new integrated construction processes	Large-scale integrating collaborative projects
II.4 Activity 4.4 Integration of technologies for industrial applications		
Activity 4.4	NMP-2008-4.0-7 Integration of new technologies and materials for differentiated consumer-centred product capability	Collaborative projects targeted to SMEs.
Activity 4.4	NMP-2008-4.0-8 Smart materials for applications in the sectors of construction and of machinery and production equipment	Collaborative projects targeted to SMEs.
Activity 4.4	NMP-2008-4.0-9 Reducing the risk of injury in complex systems through advanced personal protective equipment	Collaborative projects targeted to SMEs.